

Mr. Ronald Collins
Delphi Energy & Engine Management Systems
2900 South Scatterfield Road
Anderson, Indiana 46011

Re: 095-11377-00016
First Minor Permit Modification to
Part 70 No.: T095-6388-00016

Dear Mr. Collins:

Delphi Energy & Engine Management Systems was issued a Part 70 permit on August 31, 1999 for the operation of an automotive parts manufacturing plant. Pursuant to the provisions of 326 IAC 2-7-12 a Minor Permit Modification in conjunction with the Minor Source Modification is hereby approved as described in the attached Technical Support Document.

The permit modification consists of incorporating the new operation conditions for the two (2) natural gas-fired boilers, identified as boiler A and boiler B permitted under the Minor Source Modification 095-11322-00016.

All other conditions of the Part 70 permit shall remain unchanged and in effect. Please attach a copy of this modification and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Aida De Guzman, OAM, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call at (800) 451-6027, press 0 and ask for Aida De Guzman or extension (3-4972), or dial (317) 233-4972.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

Attachments

APD

cc: File - Madison County
U.S. EPA, Region V
Madison County Health Department
Anderson Office of Air Management
Air Compliance Section Inspector - Jim Thorpe
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner

**PART 70 OPERATING PERMIT
OFFICE OF AIR MANAGEMENT
and Anderson Office of Air Management**

**Delphi Automotive Systems, L.L.C.
2900 South Scatterfield Rd.
Anderson, IN 46013**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T095-6388-00016	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date:
Minor Permit Modification No.: 095-11377-00016	Affected Pages: 5, & 32 Pages Added: 32a, 32b, & 32c
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

TV Reviewer: RJP/FLL

- (d) One (1) varnish dip tank, EU 11-101, identified as Dip Tank D (West), with a drying oven and cooling area, with maximum capacity of 600 parts per hour, and exhausting to stacks G18SA25, G20SA8 and G20WA17 respectively.
- (4) One (1) double drum parts washer, identified as EU11-117, with a maximum capacity of 2000 pounds per hour, with no controls and exhausting to stack L36EA21.
- (5) Two (2) engine dynamometers used for research and development.
- (6) Two (2) natural gas-fired boilers, identified as boiler A and boiler B, each boiler has a heat input capacity of 33.5 million Btu per hour (mmBtu/hr). These boilers are currently installed at Plant #17, and proposed to be moved to Plant #11.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)]
[326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

- (1) Natural gas-fired combustion sources with heat input less than ten million (10,000,000) Btu per hour.
- (2) Equipment powered by internal combustion engines of less than 500,000 Btu per hour capacity, except where total capacity of equipment operated by one stationary source exceeds 2,000,000 Btu per hour.
- (3) A gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage tank of less than 10,500 gallon capacity.
- (4) A petroleum fuel, other than gasoline, dispensing facility, having a storage tank of less than 10,500 gallon capacity, and dispensing less than 230,000 gallons per month.
- (5) Storage tanks less than one thousand (1,000) gallons in capacity with annual throughputs less than twelve thousand (12,000) gallons.
- (6) Vessels storing lubricating oils, hydraulic oils, machining oils and machining fluids.
- (7) Application of oils, greases, lubricants or other nonvolatile materials applied as temporary coatings.
- (8) Machining where an aqueous cutting coolant continuously floods the machine interface.
- (9) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6.
- (10) Cleaners and solvents characterized as having a vapor pressure of less than 0.7kPa; 5 mmHg or 1 psi measured at 20 degrees C (88 degrees F).
- (11) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment and welding equipment.
- (12) Closed loop heating and cooling systems.
- (13) Rolling oil recovery systems.

SECTION D.3 FACILITY OPERATION CONDITIONS

- (6) Two (2) natural gas-fired boilers, identified as boiler A and boiler B, each boiler has a heat input capacity of 33.5 million Btu per hour (mmBtu/hr). These boilers are currently installed at Plant #17, and proposed to be moved to Plant #11.

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.3.1 Oxides of Nitrogen (NOx) Emissions Limit

The total natural gas usage from the two (2) 33.5 mmBtu/hr boilers, A and B shall be limited to less than 247 million cubic feet (MMCF) per twelve-month period, rolled on a monthly basis. This natural gas usage limitation is equivalent to NOx emissions limit less than 25 tons per twelve-month period.

During the first twelve (12) months of operation, the natural gas usage shall be limited such that the total natural gas usage divided by accumulated months of operation shall be less than 20.58 MMCF average per month, rolled on a monthly basis. Compliance with this condition will make 326 IAC 2-7-10.5(f), Significant Source Modification not applicable.

D.3.2 Particulate Matter Limitation (PM) [326 IAC 6-2-3]

Pursuant to 326 IAC 6-2-4 (Particulate Emission Limitations for Sources of Indirect Heating), the particulate matter emissions from each of the 33.5 mmBtu/hr boiler shall be limited to 0.27 pound per million Btu (lb/mmBtu).

D.3.3. New Source Performance Standards (NSPS) 40 CFR § 60.48, Subpart Dc

Pursuant to 40 CFR § 60.48c, Subpart Dc, Subsections (a), (g) and (i), the two (2) 33.5 mmBtu/hr boilers shall comply with the following requirements:

- (a) Under Subsection (a) of § 60.48c, the Permittee shall submit notification of the date of construction, or reconstruction, anticipated startup and actual startup of the two (2) boilers as provided by 40 CFR § 60.7. The notification shall include:
 - (1) The design heat input capacity of the two (2) boilers and identification of the fuel to be combusted; and
 - (2) the annual capacity factor at which the Permittee anticipates operating the two (2) boilers, based on all fuels fired and based on each individual fuel fired.
- (b) Under Subsection (g) of § 60.48c, the Permittee shall maintain records of the amounts of fuel combusted during each month for the two (2) boilers.
- (c) Under Subsection (i) of § 60.48c, all records required by § 60.48c shall be maintained by the Permittee for the two (2) boilers for a period of two (2) years following the date of such record.

Compliance Determination Requirements

D.3.4 Testing Requirements [326 IAC 2-7-6(1),(6)][326 IAC 2-1.1-11]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing when necessary to determine if the facility is in compliance. If testing is required by IDEM or Anderson Office of Air Management compliance with the Oxides of Nitrogen (NOx) limit specified in Condition D.3.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

TV Reviewer: RJP/FLL

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.3.5 Record Keeping Requirements

- (a) To document compliance with Condition D.3.1, the Permittee shall maintain meter readings of the natural gas fuel usages monthly. The Permittee shall retain records of all recording/monitoring data and support information for a period of five (5) years, or longer if specified elsewhere in this permit, from the date of the recording/monitoring.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of the Part 70 permit.

D.3.6 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.3.1, and the natural gas fired boiler certification shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

Anderson Office of Air Management
P.O. Box 2100
120 East 8th Street
Anderson, Indiana 460111

using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION and
ANDERSON OFFICE OF AIR MANAGEMENT**

Part 70 Source Modification Quarterly Report

Source Name: Delphi Energy & Engine Management Systems
Source Address: 2900 South Scatterfield Road, Anderson, Indiana 46011
Mailing Address: 2900 South Scatterfield Road, Anderson, Indiana 46011
Source Modification No.: 095-11322-00016
Facility: Two (2) 33.5 mmBtu/hr natural gas-fired boilers
Parameter: Oxides of Nitrogen (NOx)
Limit: Shall be less than 247 million cubic feet (MMCF) natural gas usage per twelve-month period, rolled on a monthly basis. This natural gas usage limitation is equivalent to NOx emissions limit to less than 25 tons per twelve-months.

During the first twelve (12) months of operation, the natural gas usage shall be limited such that the total natural gas usage divided by accumulated months of operation shall be less than 20.58 MMCF average per month, rolled on a monthly basis.

YEAR:

Month	Column 1	Column 2	Column 1 + Column 2
	Natural Gas Usage This Month	Natural Gas Usage Previous 11 Months	Natural Gas Usage 12 Month Total
Month 1			
Month 2			
Month 3			

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____